



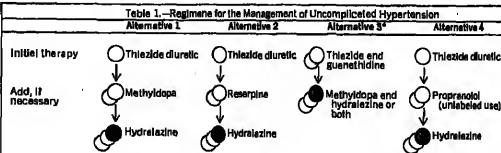




# Apresoline® (hydralazine)

## ...key component in the "guideline" antihypertensive regimens

AMA Committee on Hypertension Recommendations

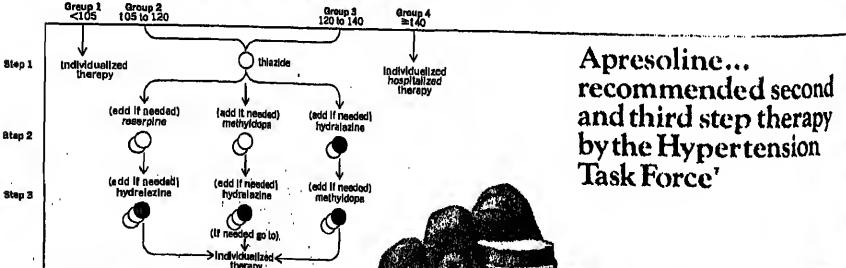


In patients who cannot tolerate guanethidine, alternatives 1 or 4 may be given a therapeutic trial, but treatment should be initiated with both the diuretic and methyldopa or propranolol.

Apresoline...  
included in all four  
treatment plans by the  
AMA Committee\*

(Adapted)\*

Recommendations by the Hypertension Task Force of the National High Blood Pressure Education Program



Therapeutic Objective: Diastolic pressure under 50 mm Hg, or, if untoward effects cannot be tolerated, under 100 mm Hg.

used effectively in the  
landmark VA  
studies<sup>8,9</sup>

Apresoline was one of the three basic drugs used in two published VA cooperative studies—studies which demonstrated conclusively the benefits of antihypertensive treatment in reducing risk of morbidity and mortality.

Apresoline®  
(hydralazine)  
An antihypertensive  
idea whose time  
has come



Wednesday, December 24, 1975

MEDICAL TRIBUNE

The Only Independent Weekly Medical Newspaper in the U.S.

## Medical Tribune

and Medical News

Published by Medical Tribune, Inc.

### The Humanity of Our Courts

AGAIN, A COURT VERSUS THE FDA. This time it was a United States District Judge in Oklahoma City who had previously ruled against the FDA, ordering FDA officials not to interfere with the importation from Mexico of Laetrile by a cancer patient. His latest order relieves hospital and physician of criminal liability if they administer the drug to the patient. We cannot suitably evaluate the legalities or the letter of the law, we can appreciate the humanity of the judgment.

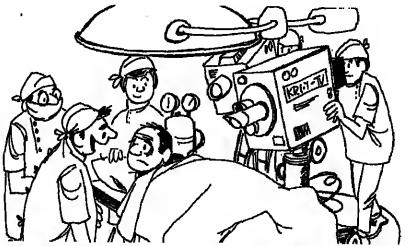
There isn't the slightest doubt that the FDA's mandate enables it to deny a new drug application to a manufacturer to sell a medication in interstate commerce. The FDA may (we do not know) have proof that a preparation made from apricot pits has demonstrably harmful levels of hydrogen cyanide. Furthermore, the FDA is doubtless sound in maintaining that there is no well-controlled research demonstrating the anticarcinogenic efficacy of this preparation. But the court's finding was that all available evidence showed that Laetrile was harmless and "was not necessarily void of effectiveness." It went on to say that this may be limited to the hope that the patient may derive some benefit from it "but if the drug relieves his mind of pain, then it is effective."

Considering the multifaceted character of malignancies, it would be rash to conclude that no single individual may benefit either from a biochemical or psychic mechanism of a drug in which a patient deeply believes. There are certain situations in which judgment should be tempered by humanity, compassion, and tolerance, particularly for a patient who had been told that he had cancer of the rectum four years ago and has been taking a medication and is alive today and claims to be well as a result of it. Certainly for that individual the FDA's contention of "harmful effects of a drug" does not apply.

There is no question that reliance on questionable medications in treatable cases of malignancy defers the use of proper procedures and poses a threat to public health. Nonetheless, it would seem to us that an individual who wishes to continue to use a medication he believes in, even if the rest of the world does not, should have that personal right. No government agency prohibits people from exposing themselves to known, proven carcinogens. On the contrary, the U.S. government not only does not restrict the sale of such carcinogens as cigarettes but actually subsidizes the growth of tobacco.

The FDA acts within its province in refusing an NDA for Laetrile but, we believe, goes beyond the intent of the law and the bounds of good judgment when it harrases people who are seriously ill and believe their survival is dependent upon a medication of which the FDA disapproves.

A.M.S.



"This won't take long... We break for commercials in 15 minutes."

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### LETTERS TO TRIBUNE

#### Hyperbaric Therapy

Liberia City.

We will soon be building our home in Rancho Mariesta, where we will have a few cattle for the freezer, horses for our two children, a garden, and fruit and nut trees. It is a long-awaited dream—and we can hardly wait!

Cost of living is still so low and taxes (here so nearly nonexistent) we can live comfortably on my husband's modest Navy retirement pay. We can hunt in the nearby mountains, fish in the Pacific and, if we ever tire of that, we can play golf and tennis, or just laze around in the sun (or we'd be able to do in now-many-times-more-expensive Hawaii).

MALCOLM DOLE, P.D.,  
Robert A. Welch Professor of  
Chemistry  
Baylor University  
Waco, Texas

If any readers would like more information about this beautiful, amazing little country and its Retirement Law, they can write me.

Mrs. Lewis M. Biro  
7000 South Dent Road  
Hixson, Tennessee 37343

#### One Man... and Medicine

Dr. Sackler's "One Man... and Medicine" remains the highlight of the Medical Tribune in our eyes.

Thank you,  
W. P. Ondulehio, M.D.,  
Loma Linda, Calif.

#### Gutenberg's Name

It is rare indeed to find an error—but ever so minuscule—in Dr. Sackler's excellent articles. But sooner or later, it must—o—s to all of us—happens.

Johann's father's name was Gutenberg, but the son chose his mother's maiden name Gutenberg. The spelling calls for just one T—no need to cross your T's twice.

Please continue and for many years.

MELWYN BERLING, M.D.,  
Brooklyn, N.Y.

#### Don't Miss

**THE GOOD DRUGS DO**  
Edited by the famous clinical pharmacologist, Dr. Lasagna, designed to be removed from Medical Tribune for your waiting room, it begins on Page 9.

#### FOR YOUR PATIENTS

### Sputum Cytology

CLINICAL QUOTE: "These initial data offer some encouragement [that through sputum cytology] persons with presymptomatic lung cancer can be identified... and treated... Early results suggest long-term survival and possible improvement in the quality of life." (Dr. D. Sanderson. See page 1.)

identified... and treated... Early results suggest long-term survival and possible improvement in the quality of life." (Dr. D. Sanderson. See page 1.)

Costa Rica Anyone?

Much has recently been written about Costa Rica and the many American "Pensionados" (retirees) who have settled there. Had it not been for a bout with breast cancer, we would already be among them. Because of the excellent medical facilities in Costa Rica, I have been given the okay for our move to Guanacaste Province, near

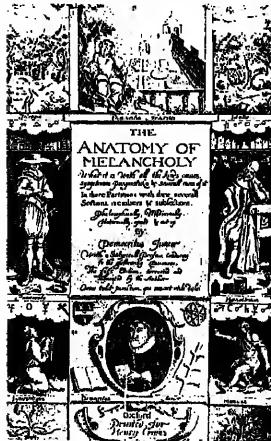




# Medical Advances in Overcoming Depression

## Anatomy of Melancholy

by Robert Burton, published in 1621, was one of the first medical texts to examine the symptom causes and treatment of depression. Below, title page from a later edition.



## Medicinal Plant

Plants, like rauwolfia serpentina—used for centuries in India to relieve anxiety—provided clues to modern medical scientists seeking to create drugs that would relieve depression and other emotional states.



## Antidepressant drugs can prevent suicides



Situations like that shown above can be prevented. Usually the suicidal person will indicate how he feels. Questioning a person if he feels suicidal does not suggest it, as many people fear, and is an important step in preventing it. Anyone may feel

at some point that life is not worthwhile, but talking to someone helps. This is why "Suicide Hotlines" have been set up in many cities. A physician can not only listen to such troubles, but he can provide drugs which will ease the crisis.

**Dr. Sigmund Freud** who was himself often depressed, demonstrated the therapeutic value of having the depressed patient talk about what was troubling him. Through the patient's associations Dr. Freud was often able to recognize forgotten losses and disappointments which were contributing to the depression and feelings of

worthlessness. Reminiscing these often helped the patient. Later psychiatrists developed other techniques, such as helping the patient become active in recreational sports, social affairs and hobbies to help overcome feelings of depression. Dr. Freud believed that a biochemical solution would be found for most psychoses.

## Shock Treatment

Italian physicians discovered in the 1930s that severely depressed patients could be helped with the use of mild electrical shocks to the brain. Considerably improved, with the shock reduced, and aided by muscle relaxant drugs, this form of treatment is still used in severe cases.



## Stopping the Up-Down Cycle of Depression

The Australian physician, Dr. John Cade, recognized that lithium appeared to help patients who went through cycles of being very depressed and then very active and full of energy. Other medical scientists then helped to refine the use of lithium so that today it is used to prevent these wide swings in mood. Meanwhile in Washington, Dr. William Bunney and other medical researchers used studies of such depressions to discover that there is a biochemical warning of this swing, from "blue" moods to "high" ones. This has greatly encouraged scientists to believe that full control of depression through drugs is close at hand.

## Anyone can be depressed

No one—not even spacemen—is immune to depression and no one should be ashamed of feeling "blue". Astronaut "Buzz" Aldrin, third astronaut to walk on the moon, felt overwhelmed by the endless round of emotionally draining public appearances on returning to earth. Depressed, he had the courage to say so and seek treatment.



## Babies need approval

These pictures are from a research movie made by Dr. René Spitz proving that the infant responds even to a face painted on a balloon.



## Your Questions about Depression Answered

Continued from page 11  
How long does it take for the medication to work?

Three to four weeks is about the average time required for antidepressant medication to begin working but if a low starting dose is used it may take even longer. It is important to realize that there may not be any advance evidence of improvement and patients should not be discouraged if no change is noted for the first 3 to 4 weeks. Once improvement begins, it usually continues quite rapidly and within another month the patient is recovered.

Can I have a depression without feeling depressed?

Yes. Sometimes, in order to protect herself or himself against the anguish of a depression, an individual will attempt to "bury" such depressed feelings and will then develop other symptoms, even physical ones, which substitute for the depressed feeling. A headache or a stomachache may be such a substitute in some cases. Physicians call this a "masked depression."

Do antidepressant medications have side effects?

Yes. Any drug potent enough to be useful almost always has some other effect as well. This is true of drugs for arthritis and heart disease as well as for depression. The antidepressants often produce dryness of the mouth, sometimes constipation and occasionally other side effects.

Compared with most medications, the antidepressants are quite safe and their side effects either disappear with continued use or when the drug is discontinued.

Is depression inherited?

We don't know. There is a tendency for certain families to have more depression than others but it doesn't follow the usual pattern of inherited disease. We're not certain as to why one member of a family becomes depressed and another does not.

Is depression an inevitable part of growing old?

This is not true. Most people who are going to have depressions will have had the first episode long before they are sixty or seventy. Part of the problem is that we sometimes expect older people to be very quiet or depressed—and we almost discourage cheerful and happy behavior among them by our expectations. We don't encourage them to be active. Given half a chance many elderly people will enjoy the same movies, television, sports, jokes, picnics and other experiences as younger people do. If they don't, it may well be that they are depressed and in need of treatment.



## What your doctor can do

**I**F YOU FEEL DEPRESSED, your doctor can determine if you need treatment. There is no blood test to diagnose depression. Therefore, the decision as to whether your symptoms add up to a disorder for which medication or some other treatment should be given must be made by your doctor or the specialist to whom he refers you.

In part, your doctor's diagnosis is based on how severely you are suffering and the degree to which your functioning is crippled.

Almost everyone thinks of committing suicide at one time or another. This can be frightening and depressing in itself. Your doctor can help you distinguish whether or not you are really suicidal. That this idea may have occurred to you should certainly be mentioned to your doctor. But it does not necessarily mean you are suicidal.

When you talk about it, he is sure to explain: 1) whether it is just a thought that passed through your head; 2) whether you wish you were dead but don't feel strongly enough to try and do something about it; 3) whether you wish you were dead and do feel strongly enough to try and do something about it; 4) whether you don't really want to be dead but are afraid you may try to do something; 5) whether you are in a most uncomfortable or anxiety-producing or upsetting situation that you feel you simply can't stand another

24 hours—even if you have "to kill yourself" in order to get it over with, because your doctor can give you some medication to provide great relief of anxiety rapidly; 6) whether you are angry or disappointed or guilty about something that happened between you and someone else, someone whom you feel would react to your being "dead."

"Unrelieved continuous depression requires treatment even if there is a cause..."

by feeling sorry angry or upset. Your doctor can also help decide whether your hospitalization is desirable. Many patients are afraid of being hospitalized. They may feel "put away" in an institution. Often, however, it is a great relief not to have total responsibility for yourself and what happens. It also can make things easier by temporarily separating you from your problems in living and working. Reducing the immediate pressure in this way can provide great relief. Sometimes patients feel that some other person is involved in provoking or causing his illness and going into a hospital provides an "escape." If medications are needed they can often be given in much higher doses

and responses may be more rapid in hospital setting. Fear of patients that they will be "locked away" forever is unrealistic. All sorts of legal devices exist to protect the patient. In the hospitalization is rarely needed.

Your doctor will usually explain the nature of the medication he is giving to you. Most antidepressants take about three weeks to begin to work but a few weeks before the full effect starts to be felt. The antidepressant medications are very much like the antibiotics—sometimes the full medication doesn't work and then three have to be tried.

With a few of the antidepressant medications a doctor must be allowed certain foods and medications are limited or eliminated. If you are on one of these medications your doctor will give you a list of the food and drugs to be avoided. There are diseases, such as one type of glaucoma, in which medications must be used with caution, so be certain to keep doctor a list of any previous illness.

The side effects of the medications are usually more annoying than serious. Dryness of the mouth and constipation are the most common. In the first few days there may be some sleepiness and occasionally a patient may feel a bit unusual or peculiar for short time. Sometimes there is a bit of "light-headedness" or dizziness which you should let your doctor know about.

**Let Your Doctor Know**

The decision about what drug to use depends on what symptoms you have and your medical history. If you have had previous depressions, it is often to be able to give the doctor information about when the depression occurred and how you were treated. This is how much of the drug. However, this information is absolutely essential. It is essential that your doctor know if you don't feel the details of any past treatment.

Once your symptoms are gone, your doctor has several decisions to make. He may decide that medication gradually be reduced and then discontinued. Sometimes it is advisable to remain on a low maintenance dose for quite a while. If you have previous depressions, your doctor decides to place you on lithium.

Lithium acts as kind of "insurance policy" against recurrence. In about 15 per cent of the cases it doesn't work. However, in 15 per cent it works immediately and completely, and in another 70 per cent of the cases the patient becomes better able to deal with depression at times of recurrence.

During the first six months the patient may have some side effects. These are usually mild and temporary. Your doctor can help decide whether this is because if another episode of depression occurs the patient may "put away" in an institution. The patient really would be that the patient has been on the drug long enough, nearly the doctor will continue the lithium and add an antidepressant medication. The antidepressant discontinued gradually after the depression is over but the lithium continues.

Your doctor can explain to the

and friends that depression has an "favorable prognosis" which means that there is a great likelihood that the outcome of treatment will be good.

If medications are needed they can often be given in much higher doses

and now I cannot find the key to let myself out."

Winston Churchill took up painting to relieve his anxious depressions.

He called his depressions "my black dog." Once, "for two or three years, the light faded out of the pictures... I sat in the House of Commons but black depression settled on me."

Many of their suffering could have been relieved if modern drugs had been available.

Depression is not an inevitable part of growing older. However, in older people the diagnosis of depression can be easily missed and as a result their condition may be unnecessarily complicated and inadequately treated. If someone has arteriosclerosis of the brain or symptoms of senility, the presence of depression may make the symptoms of arteriosclerosis or senility worse. It may be difficult to detect the depression. Yet when antidepressant medication is used and the depression clears up, the person is able once again to compensate for the other disorders and can function effectively.

Other conditions may at times resemble depression (for instance schizophrenia, hysteria, certain neurological disorders). If the patient is actually depressed but is misdiagnosed as having one of these other indicated conditions, then antidepressant treatment will not be given and the patient may continue to be ill for a long time.

In some instances, fear keeps people who are depressed from proper treatment. One such fear, which has been heightened by the hysteria about drugs in this country, is that the drugs may produce dependence. If this does happen, it is so rare that it has no ordinary significance in clinical practice.

Patients sometimes worry that if they once start to take medication they can never stop. This is completely untrue. A patient can stop completely at any time without ill effects, although you should let your doctor know if it causes everyone else.

Curiously, there are also many people with the mistaken idea that emotional or psychological problems cannot or should not be treated with medication—it is too easy. They are convinced that they should suffer or somehow force themselves to feel better.

In the treatment of emotional and mental disturbances, modern medical science has reached the point where the treatment of depression has achieved a high degree of effectiveness. After centuries of suffering, we now have great success in quickly relieving depression in the man or woman suffering so unnecessarily.

"Most antidepressants take about three weeks to begin to work..."

may come back. It would be like a fever in which aspirin is used to relieve the elevated temperature. If the aspirin is stopped before the disease is cured, the fever will return. At the very worst one can restart treatment.

### Built-in Self Defense

Self-defeating behavior seems to be built right into the fibre of depression. The unfavorable evaluation of one's self that is a characteristic of depression often prevents treatment. This is another serious case of an isolated individual hit one of the main factors preventing treatment for millions.

Such people feel that they aren't worth treating, that they don't deserve the time, effort and money required. Often they feel so depressed that they feel the treatment won't work in their case even if it cures everyone else.

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## Clues to the Blues

Continued from page 10

**You may have insomnia** frequently. It may be of the type in which there is a great deal of difficulty in getting to sleep. But sometimes going to sleep is no problem but then, after a few hours, sleep is fitful with constant restlessness, awakenings and dozing, for the remainder of the night. One very common pattern is one in which getting to sleep is not a great problem but there is "early morning insomnia." The patient awakens at 3 or 4 a.m. feeling depressed and anxious about many things—which he feels he cannot do anything about.

**Your interest in sex** and sexual activity may be decreased or absent.

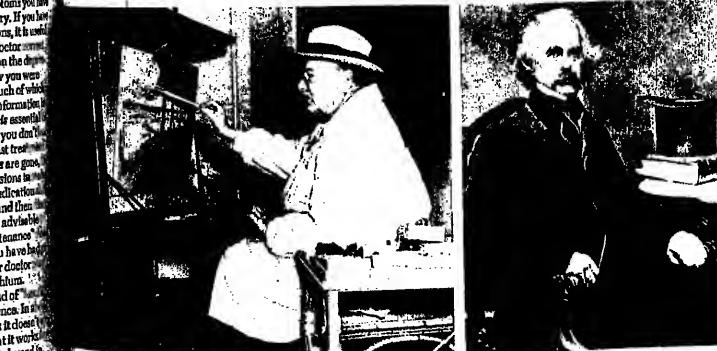
**Your loss of appetite** may lead to loss of weight. If this is combined with constipation, you may suspect some serious disease, such as cancer, and gloomily accept that suspicion as true—as something "nothing can be done about." All this is exaggerated by your "doomed" outlook.

**Anxiety** adds to the discomfort. Most people with a depression also have anxiety which makes for a very uncomfortable state. Often they are so anxious or "nervous" that they cannot sit or rest comfortably. At times they are very frightened without knowing why.

**The irritability** of the depressed person often makes it difficult for those living with him or her. Despite general lack of interest and indifference about life in general, persons with a depression are easily irritated and tend to become angry with other people, even when they are trying to be helpful.

**Do you feel guilty?** Part of being depressed is to feel that there were many things you did in the past that you should not have done—or that you did not do things you should have done. In both cases the events are usually magnified and were actually unimportant or trivial. You may also feel guilty because you are out functioning as well as you could due to the depression. In addition, most people with depression feel guilty because they recognize that they have withdrawn their affection and no longer feel as strongly toward their loved ones as they did in the past. Fortunately, as the depression is relieved, the feelings of guilt disappear.

**No one person** has all of the symptoms listed in "Clues to the Blues." Some may have a few symptoms very intensely or a variety somewhat more mildly. One symptom may not be sufficient to make the diagnosis but should arouse concern. Because some symptoms occur in other diseases, professional help may be needed for a correct diagnosis.



## Famous people who overcame depression



**M**ANY FAMOUS PEOPLE have suffered intensely from depression yet gone on to achieve great goals. Abraham Lincoln suffered recurring depressions, beginning in young manhood.

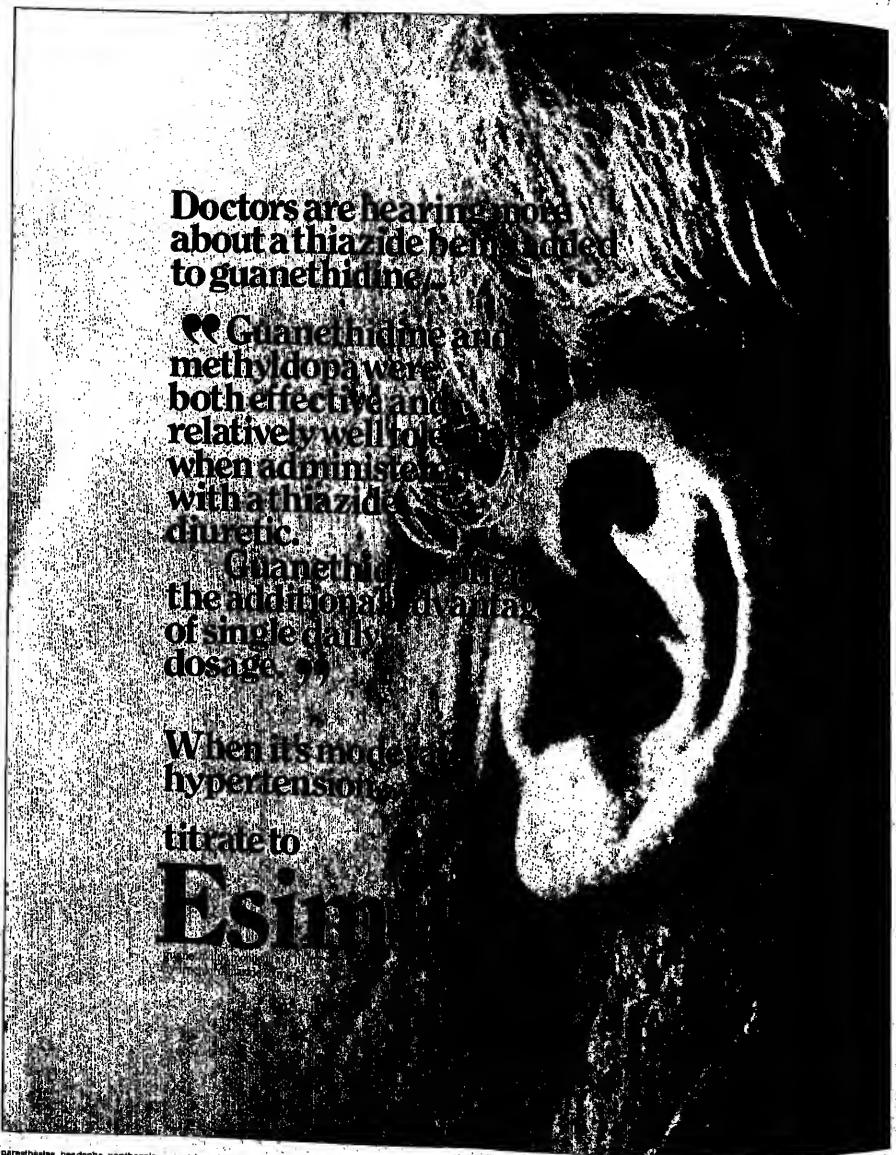
Nathaniel Hawthorne became so depressed learning to write that for 12 years he rarely left his room. He wrote Longfellow: "I have secluded myself from society; and yet I never meant any such thing. I have made a captive of myself and put me into a dungeon,

and now I cannot find the key to let myself out." Winston Churchill took up painting to relieve his anxious depressions. He called his depressions "my black dog." Once, "for two or three years, the light faded out of the pictures... I sat in the House of Commons but black depression settled on me."

Many of their suffering could have been relieved if modern drugs had been available.







## Doctors are hearing more about a thiazide being added to guanethidine.

**• Guanethidine and methyldopa were both effective and relatively well-tolerated when administered with a thiazide diuretic.**

• Guanethidine and methyldopa are a pair of single daily dose drugs.

When it's not hypertension that's to

Espresso

© 1973 CIBA

reduce dosage or withdraw therapy.

**DOSEAGE AND ADMINISTRATION**

Initial dosage should be low and increased gradually by small increments. Before starting therapy, consult complete product literature.

As determined by individual literature, dosage may be increased in increments of 30, 60 and 100.

Before starting therapy, consult complete product literature.

HOW SUPPLIED

Tablets, 10 mg (pale yellow, scored) 30, 60, 100 and 1000; bottles of 100.

Tablets (white, scored), each containing 10 mg guanethidine monosulfate and 10 mg propranolol hydrochloride, bottles of 30, 60 and 100.

Before starting therapy, consult complete product literature.

CIBA Pharmaceuticals Company  
Division of CIBA-GEIGY Corporation  
Summit, New Jersey 07901

C I B A

Wednesday, December 24, 1975

MEDICAL TRIBUNE

## Sputum Cytology Aids Detection Of Lung Cancer

Continued from page 1

earlier chest films and an examination of the upper respiratory tract.

Of the 35 patients whose cancers were diagnosed by sputum cytology alone, all were shown to have squamous cell carcinoma, presumably at an early stage, the Mayo researcher said. On the other hand, about half of the lung cancers detected in initial X-ray screening were at a much more advanced stage.

"About 70% of the 35 patients whose lung cancer was detected by sputum cytology and who were treated surgically or with radiation therapy appear to have a favorable outlook," Dr. Sanderson said, stressing the preliminary nature of his findings.

### Conservative Surgery

In many cases, surgery in those patients has been limited to lobectomy. Dr. Sanderson explained, noting that "our surgeons are emphasizing conservative resection to spare functional, tumor-free lung tissue. This may facilitate recuperation in some individuals who are so unfortunate as to have a subsequent second primary tumor of recurrent cancer."

"Those who haven't done as well have suffered the consequences of other smoking-related diseases, including coronary heart disease and other cardiovascular diseases, more frequently than they had had recurrences of their lung cancer."

As of last October, 9,165 male smokers over 45 have entered the Maya Lung Project, Dr. Sanderson said. Of 7,038 men who completed the first phase of the screening program, 60 were found to have previously unsuspected cancer on entry. Among the participants who had follow-up screening examinations, 17 new cases were detected.

"Although the duration of follow-up remains brief, and the number of patients with lung cancer is relatively small, these initial data offer some encouragement... [Through screening] persons with presymptomatic lung cancer can be identified, the tumors localized, and the patients treated... Early results suggest long-term survival and possible improvement in the quality of life," said Dr. Sanderson, who is Associate Director of the Mayo Lung Project.

**PATIENT EDUCATION** can begin in your waiting room. If you'll remove the special section from this paper titled

**THE GOOD DRUGS DO** and put it in your waiting room. Edited by the top pharmacologist, Dr. Louis Lasagna, it will help build doctor-patient relationships. It begins on Page 9.

## One Man... and Medicine

ARTHUR M. SACKLER, M.D.  
International Publisher, Medical Tribune



### Medicine on Stamps

Robert Tait McKenzie



### The Three "Horsemen of Death"

#### Alcohol, Tobacco and Firearms

The Treasury Department's Bureau of Alcohol, Tobacco and Firearms announced recently that it would not require the listing of ingredients on labels of alcoholic beverages.

FOR YEARS, we have been baffled by the government's evasion of its legal responsibility through the device of "baptizing" alcohol as a food despite its clearly addictive potentials and its pharmacologic as well as toxic effects. To call alcohol, to which 9 million Americans are seriously addicted, a "food" and to simultaneously regulate prescription drugs, some of which are important in therapeutic regimens for managing alcoholism, is blatant hypocrisy—and a regulatory farce which sets logic on its head.

With a few rare exceptions (such as Dr. Theodore Cooper, Assistant Secretary for Health, and Dr. Morris E. Cafetz, former director of the National Institute on Alcohol Abuse and Alcoholism), U.S. health officials in the past have turned their backs on disease causing alcohol while they piously play their attacks on medical *therapeutics* whose problems, at worst, are an "apple" compared to the "cancer" of alcoholism.

#### The Nonregulatory Treasury

For years we noted that most of the new consumer advocates and public interest groups had failed to engage the issue or to promote balanced perspectives on the priority of our public health problems—particularly as they relate to alcohol. Be that as it may, the Center for Science in the Public Interest, through its Associate Director, Dr. Michael Jacobson, did enter the fight in 1972. It has charged that a government agency—the Treasury Department's Bureau of Alcohol, Tobacco and Firearms—is going completely beyond its authority and flouting the law by ignoring the requirements of the Food and Cosmetic Act.

The Treasury Department's Bureau of Alcohol, Tobacco and Firearms has regulatory responsibility for three of the major causes of preventable mortality and morbidity in the United States. Incredibly, that bureau appears to act more as a nonregulator of the "Three Horsemen of Death and Disability"—alcohol, tobacco and firearms—than as a protector of the public whose interests are entrusted to it.

#### Reasons for No Action

Unbelievably, the bureau now gives as its reasons for non-action the excuse that the listing of non-ingredients in labels of food products would "confuse" the consumer, cost him money, and that there's no indication it is desired by the public. For a government agency to make such a statement in the face of the following listing of the use of prohibited substances in food products is a remarkable fiasco.

Glaser N. Comparison of guanethidine and propranolol in essential hypertension. A controlled study. *Curr Ther Res* 17:49-52, 1975.

#### Preventable Problems

In youth, alcohol is the first and probably most important drug of abuse as it may be the initiator of addiction to hard narcotics and multiple drug abuse. In economic terms the loss of life and limb are superimposed upon fires and home accidents. Work days lost from alcoholism are estimated at 44 million per year. However, it would appear that a government so vigorous in the pursuit of nonaddicting, noncarcinogenic, nonneurotoxic, noncardiotoxic drugs has little appetite for taking on the one drug which actually accounts for one of the two greatest causes of preventable mortality and morbidity in the United States.

Belatedly, but happily, we now hear from the FDA that "more informative labeling is in keeping with the best interests of the consumer." Considering the showing of regulatory muscle in the late cyclamate fiasco and the earlier cranberry bog, one wonders what could have accounted for the past apathy of the FDA in regard to the proven, toxic and addictive drug or so-called "food", alcohol. One must marvel at the regulatory intellectual footwork which first enables a government to side step regulating alcohol as a drug because it is a "food", and then to side step and avoid regulating alcohol as a food by having this responsibility delegated to a non-regulating Bureau of Alcohol, Tobacco and Firearms.

More lives can be saved by simple legislative action (and it need not be prohibition) for better control of just three items—alcohol, tobacco, firearms—than could possibly be saved by a mass of other legislative activity. In the full perspective of the public health, to control therapeutic procedures and leave uncontrollable dangerous recreational agents to offer the shadow but not the substance of true health legislation, regulation and enforcement.

This distinguished Canadian-born sculptor and physician (1867-1938) received his M.D. from McGill in 1892 and an LL.D. in 1921. A pioneer in the field of physical education in medicine and the influence of exercise on the heart, his *Reclining the Maidens* was used by the surgeon general of the U.S. Army for reconstruction of hospitals in 1918. He was Director of Physical Ed., U. Pa. 1904-30. His important sculptures are in the Canadian House of Commons, Canadian National Gallery, and also in London, and Washington, D.C.

Text: Dr. Joseph Kler  
Stamp: Minikau Publications, Inc., New York

That bureau is currently in default in respect to regulatory action on two other major killers and cripplers—tobacco, whose wells are marked in the scars of thousands, and firearms, a major vehicle for death by suicide and death by assault. It would appear that the "Horsemen of Death and Disability" through alcohol, tobacco and firearms have little to fear from the bureau of a government department which at the same time garners high tax income from the sale of two of these highly toxic agents.

#### What is Needed

In view of the fact that Treasury may either "conflict of interest" or a "conflict of conviction," it is fitting that the Department of Health, Education and Welfare (whose funds are depicted in the ravages of these dangerous agents) should take over. Two things appear clearly evident. We will watch with the greatest interest whether that which is obvious and that which is right will come to pass:

1. The FDA should act on its responsibility for the labeling of alcohol. This can be done immediately in accord with its agreement with Treasury's Bureau of Alcohol, Tobacco and Firearms.

2. Leaders in Congress in the forefront of national health issues such as Nelson, Kennedy, Fountain, Rogers and Moss can immediately set legislative hearings on this most vital of health issues.

More lives can be saved by simple legislative action (and it need not be prohibition) for better control of just three items—alcohol, tobacco, firearms—than could possibly be saved by a mass of other legislative activity. In the full perspective of the public health, to control therapeutic procedures and leave uncontrollable dangerous recreational agents to offer the shadow but not the substance of true health legislation, regulation and enforcement.



The problem  
of hypokalemia had a  
distasteful solution...

until now



matrix with a mission

...for the treatment of hypokalemia  
...for the prevention of hypokalemia when  
dietary intake of K is inadequate



# Slow-K® (potassium chloride) slow-release tablets 8mEq

The mission: to deliver K  
patients can take

The Slow-K wax matrix is  
designed to provide a controlled  
release of potassium to minimize  
the likelihood of high local con-  
centrations of potassium within the  
intestinal tract.

Comparison studies<sup>1-8</sup> show  
Slow-K to be far more palatable and  
convenient than liquid KCl. Fur-  
thermore, heartburn and diarrhea  
(incidence of abdominal cramps  
was comparable). Also, no evi-  
dence of GI bleeding was detected  
when Slow-K was administered  
for 14 days to 30 male volun-  
teers.

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In patients with hypokalemia, since a higher  
serum potassium concentration is  
needed to produce cardiac arrest, hyper-  
kalemia may complicate any potassium supplementa-  
tion. Therefore, patients with systemic ad-  
equate such as diabetic acidosis, acute neph-  
ritis, or renal tubular acidosis, should not be  
given potassium chloride tablets with-  
out medical consultation. They should be  
given 20 mg of potassium chloride tablets  
with 100 mg of citrate, or 100 mg of potassium  
chloride tablets in man. *Am J Med* 58:172-

1964.

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